

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

10488/14:1

09/888,082

APPLICANT

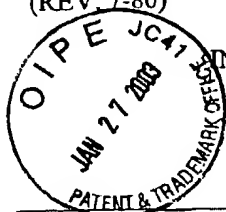
Kenneth J. Hines

FILING DATE

June 22, 2001

GROUP

2122

INFORMATION DISCLOSURE CITATION
(Uses several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
zk	AA	5	4	2	8	7	8	2		6/27/95	White	395	650	
alc	AB	5	6	4	2	4	7	8		6/24/97	Chen, et al.	395	183.21	
alc	AC	5	7	2	4	5	0	8		3/3/98	Harple, Jr. et al.	395	200.04	
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
zk	AL	EP 0 881 568 A2								29.05.1998	Europe	G06F	9/46		
alc	AM	EP 0 822 484 A2								04.02.1998	Europe	G06F	9/44		
	AN														
	AO														
	AP														

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

zk	AR	Ken Hines and Gactano Borriello, "A Geographically Distributed Framework for Embedded System Design and Validation," DAC 98, June 15-19, 1998, San Francisco, CA USA, pp. 140-145.												
alc	AS	Gopalan Suresh Raj, "A Detailed Comparison of CORBA, DCOM, and Java/RMI," Web Cornucopia, wysiwyg://402/http://gsraj.tripod.com/misc/compare												
alc	AT	"CORBA Overview," CORBA v2.0, July 1995, pp. 2-1 to 18-5												

EXAMINER

DATE CONSIDERED

9/1/04

EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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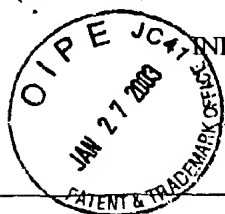
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
Ch	AS	Christopher B. Borchert, "Organization and Management of Distributed Execution Event Histories For Real-Time Debugging," <i>IEEE</i> , pp. 343-345.
atc	AT	Mariano P. Consens, Masum Z. Hasan, Alberto O. Mendelzon, "Visualizing and Querying Distributed Event Traces with Hy+," <i>Computer Systems Research Institute, University of Toronto</i> , June 1994, pp. 123-141.

EXAMINER

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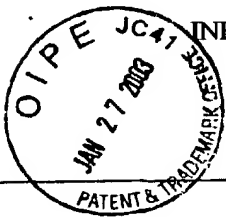
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	Wentong Cai, Wendy J. Milne and Stephen J. Turner, "Graphical Views of the Behavior of Parallel Programs," <i>Journal of Parallel and Distributed Computing</i> , June 18, 1993, No. 2, Orlando, FL, USA, pp. 223-230.
AS	
AT	Thomas Kunz, David J. Taylor, and James P. Black, "Poet: Target-System-Independent Visualizations of Complex Distributed Executions," <i>IEEE</i> , 1997, pp. 452-461.

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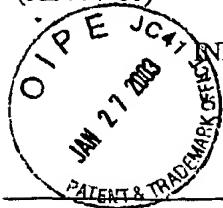
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AK	AR	Doug Kimelman and Dror Zernik, "On-the-Fly Topological Sort - A Basis for Interactive Debugging and Live Visualization of Parallel Programs," 8398 ACM Sigplan Notices, December 28, 1993, No. 12, New York, US, pp. 12-20.
AK	AS	Mikhail Auguston, "Building Program Behavior Models," Dept. of Computer Science, New Mexico State University, pp. 19-26.
AK	AT	Stephen Edwards, Luciano Lavagno, Edward A. Lee, et al., "Design of Embedded Systems: Formal Models, Validation, and Synthesis," Proceedings of the IEEE, Vol. 85, No. 3, March 1997, pp. 366-389.

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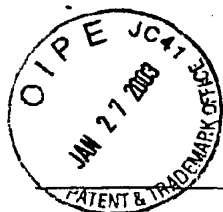
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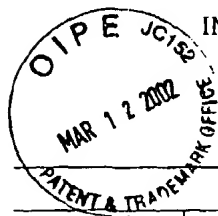
OK	AR	Pai Chou, Ross Ortega, Ken Hines, et al., "IPChinook: An Integrated IP-based Design Framework for Distributed Embedded Systems," pp. 44-49.
OK	AS	Pai Chou, Ken Hines, Kurt Partridge and Gaetano Borriello, "Control Generation for Embedded Systems Based on Composition of Modal Processes," pp. 46-53.
OK	AT	Pai H. Chou and Gaetano Borriello, "Synthesis and Optimization of Coordination Controllers for Distributed Embedded Systems," pp. 410-415.

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DATE CONSIDERED

9/1/04

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09/888,082INFORMATION DISCLOSURE CITATION
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Kenneth J. HinesFILING DATE
June 22, 2001GROUP
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U.S. PATENT DOCUMENTS

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	AL							
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	AO							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	Anderson, Richard J., et al., "Model Checking Large Software Specifications." Department of Computer Science and Engineering, University of Washington (1996 ACM 0-89791-797-9/96/0010), pp. 156-166.
AS	Jaffe, Matthew S., et al., "Software Requirements Analysis for Real-Time Process-Control Systems," 8198 IEEE Transactions on Software Engineering, 17 (1991) March, No. 3, New York, U.S., pp. 241-257.
AT	

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218INFORMATION DISCLOSURE CITATION
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AA	[Bryant, 1992] Bryant, R.E. (1992). Symbolic Boolean Manipulation with Ordered Binary-Decision Diagrams. <i>ACM Computing Surveys</i> , 24(3):293-318.
AB	[Cooper and Marzullo, 1991] Cooper, R. and Marzullo, K. (1991). Consistent Detection of Global Predicates. In <i>ACM/ONR Workshop on Parallel & Distributed Debugging</i> , pgs. 167-174.
AC	[Garg and Waldecker, 1994] Garg, V.K. and Waldecker, B. (1994). Detection of Weak Unstable Predicates in Distributed Programs. <i>IEEE Transactions on Parallel and Distributed Systems</i> , Vol. 5, No. 3, March 1994, pgs. 299-307.
AD	[Mattern, 1993] Mattern, F. (1993). Efficient Algorithms for Distributed Snapshots and Global Virtual Time Approximation. <i>Journal of Parallel and Distributed Computing</i> , Vol. 18, No. 4, 1993.
AE	[McMillan, 1992] McMillan, K.L. (1992). <i>Symbolic Model Checking: An Approach to the State Explosion Problem</i> . Ph.D thesis, Carnegie Mellon University.

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